

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	42	375/240.14.ccls. AND 375/240.15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 13:51
S2	1	"20020071489".pn.	US-PGPUB	OR	ON	2007/05/09 11:48
S3	781	375/240.14.ccls. OR 375/240.15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 11:50
S4	70	S3 AND ((variable OR dynamic) WITH (B ADJ (frame OR picture)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 11:51
S5	12	S4 NOT (variable ADJ length)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 11:52
S6	1	10/658938.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 12:05
S7	2	("6944224" "7003038").pn.	USPAT	OR	ON	2007/05/09 13:01
S8	781	375/240.14.ccls. OR 375/240.15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:01

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S9	1	S8 AND colinear\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:02
S10	1	S8 AND (co ADJ linear\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:03
S11	3	375/240.16.ccls. AND colinear\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:03
S12	4	375/240.16.ccls. AND (co ADJ linear\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:04
S13	2	"5565920".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 16:17
S14	5	("5548346" "5825421" "6333949" "6480670" "6600872").pn.	USPAT	OR	ON	2007/05/10 15:56
S15	267	(scene ADJ change) WITH (p ADJ (frame OR picture))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 16:19
S16	286	(scene ADJ change) WITH correlation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 16:32

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S17	1	10/875265.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 16:46
S18	4657012	normalized cross correlation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 16:46
S19	702	normalized ADJ cross ADJ correlation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 16:47
S20	781	375/240.14.ccls. OR 375/240.15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 16:47
S21	391	S18 AND S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 16:47
S22	1	S19 AND S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 16:48
S23	3	S19 AND (scene ADJ change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 16:48
S24	3	("20020131493" "20030169817" "20040047418").pn.	US-PGPUB	OR	ON	2007/05/11 11:31

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S25	2097	375/240.16.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 11:32
S26	41	S25 AND (block ADJ displacement)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 11:39
S27	1	S25 AND manhattan	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 11:39
S28	675	manhattan ADJ distance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 11:39
S29	34	S28 AND macroblock	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 11:41
S30	712	manhattan ADJ (distance OR metric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 11:41
S31	15	S30 AND "375".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 11:45

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S32	0	rectilinear ADJ (distance OR metric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 11:45
S33	364	rectilinear ADJ (distance OR metric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 11:45
S34	0	S33 AND "375".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 11:45
S35	31	S33 AND macroblock	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 11:45
S36	1	"7088776".pn.	USPAT	OR	ON	2007/05/11 13:54
S37	1	"7194035".pn.	USPAT	OR	ON	2007/05/11 13:54
S38	2	(10/658938 10/792514 11/621969 11/621971 11/621974 11/621977 11/621980 11/671463).app.	US-PGPUB	OR	ON	2007/05/11 13:58

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are computed on a few motion vectors (one **motion vector** each 16x16 macroblock) and having ... performant is the **manhattan distance** with 69% relevant r- ...

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The **Manhattan distance**. (d) is given by: $d = \sum_{i,j} |a_{ij} - b_{ij}|$. J=1 i=l. The **motion vector** (V) can be written: $V = \text{MINI} \cdot |a_{ij} - b_{ij}|$...

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... event based on **Manhattan distance** calculation and the minimum distance ... The circuit can find out the two-dimensional **motion vector** in about 150 nsec ...

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the current event based on **Manhattan distance** calculation and the minimum distance search by a ... **motion vector** search hardware designed and fabricated is ...

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sufficient for the tracking to use the simple **Manhattan distance**. Thus, VLSI implementation of the ... Calculation of **motion vector** and estimated position ...

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Object matching for previous frame image. (minimum **Manhattan-distance** search). Object extraction (segmentation). **Motion vector** calculation of matched object ...

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... to select as small a **motion vector** as possible (preferably staying centered). ... and keep the one with the smallest **Manhattan distance** from the center. ...

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$g(n)$ = steps; $h(n)$ = **Manhattan distance** ... 1) Project the object's desired **motion vector** onto the plane of its current cell. ...
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